

Application No. 10/662,007
Amdt. Dated: April 10, 2007
Reply to Office Action Dated: February 28, 2007
Customer No.: 25299

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning on page 1, line ¹³~~16~~ with the following amended paragraph: *On 7/31/08*

The description which follows presupposes knowledge of network data communications and switches, network processors, adapters, routers, etc. as used in such communications networks. In particular, the description presupposes familiarity with the ISO OSI model of network architecture which divides network operation into layers. A typical architecture based upon the ISO OSI model of network architecture which divides network operation into layers. A typical architecture based upon the ISO OSI model extends from Layer 1 (also sometimes identified as "L1") being the physical pathway or media through which signals are passed upwards through Layers 2, 3, 4 and so forth to Layer 7, the last mentioned being the layer of applications programming running on a computer system linked to the network. In this document, mention of L1, L2 and so forth is intended to refer to the corresponding layer of a network architecture. The ~~disclosures~~ disclosure also presupposes a fundamental understanding of bit strings known as packets and frames in such network communication.

Please replace the paragraph beginning on page 4, line ²¹~~20~~ with the following amended paragraph: *On 7/31/08*

The accelerator includes a memory called a cache in which characteristics of TCP packets called four-tuple (described herein) are stored. The four-tuple include Internet